

27,962



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

KEITH CHADWICK MURDOCK and
FREDERICK EMIL DURR

Serial No.: 63,285

Filed: August 2, 1979

1,4-BIS(SUBSTITUTED-AMINO)-5,8-
-DIHYDROXY-ANTHRAQUINONES AND
LEUCO BASE THEREOF

To the Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Group: 117

April 11, 1980

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GROUP 120

PRELIMINARY AMENDMENT

S I R :

Preliminary to the first Office Action in this
application, please amend as follows.

IN THE CLAIMS:

Cancel Claims 43, 44, 47, 48, 49 and 50.

Add the following Claims:

B' 51. A method of inducing regression and/or pallia-
tion of cancer diseases in a mammal comprising administering
orally or parenterally to said mammal an effective amount of
a compound selected from the group consisting of 1,4-bis[(2-
-aminoethyl)amino]-5,8-dihydroxyanthraquinone, 1,4-bis[2-
-(methylamino)ethylamino]-5,8-dihydroxyanthraquinone, 1,4-bis-
[2-(1,3-oxazolidin-1-yl)ethylamino]-5,8-dihydroxyanthraquinone,
1,4-bis[2-(tetrahydro-1,3-oxazin-1-yl)ethylamino]-5,8-dihydroxy-
anthraquinone, 1,4-bis[2-(1,3-oxazolidin-2-one-1-yl)ethyl-
amino]-5,8-dihydroxyanthraquinone, 1,4-bis[2-(tetrahydro-1,3-
-oxazin-2-one-1-yl)ethylamino]-5,8-dihydroxyanthraquinone, the
leuco bases thereof, the tautomers thereof and the pharmaceu-
tically acceptable acid-addition salts thereof.